

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
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Genov, *et al.*) Group Art Unit: Formerly 2107
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Application No.: Unassigned (continuation)
of 08/788,898 filed January 23, 1997) Examiner: Formerly B. Sircus
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Filed: Herewith)
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For: ROBOT HAVING MULTIPLE)
DEGREES OF FREEDOM)

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the subject application as follows:

In the Claims:

1. (Amended) [In a] A robotic arm structure providing [θ -, R- and Z-motion which includes] θ motion and R motion, comprising: at least two links, each having a proximalmost end portion and a distalmost end portion, with the θ motion being about a primary axis at the proximal end portion of a proximalmost of the links[,] and the R motion proceeding radially from the primary axis [whereby the distal end portion of a distalmost of the links can be moved radially in a straight line[,] an end effector [having an end effector portion thereof pivotally mounted for rotation relative] attached to the [distal end portion of the] distalmost link and being rotatable about an end effector axis [which is parallel to the primary axis, the arm structure being controlled by electronic computer means controlling the θ -, R- and Z- motions, sensor means for sensing the R, θ - and Z- motions for creating